

# **19 INCH PHOTO TERMINAL**

**Model:FFWD801V500**

**User's manual**

**Customer service and guarantee**

**Troubleshooting**

**Remarks: When using this product,  
please read the User Manual carefully,  
Technical Data subject to change without notice,  
if you have any technical questions, please call the factory.**

**Edition: Rev.01  
Made in China**

**Thank you for choosing our products, high quality product with ultra slim design, which will make your home life and office working more comfortable. There is no doubt that it is our products that bring you a wonderful and healthy environment for your life and work. In order to know how to use our product in the correct way, please read the following instructions and take the corresponding operation.**

- 1) Please read this instruction carefully and keep it in case you need it the other day.**
- 2) Please refer to the warnings and tips written on the product.**
- 3) Preserve under normal temperature and normal atmospheric humidity, avoid humid and high temperature environment.**
- 4) Install it or lay it in a stable place to prevent it from dropping down that will brings potential security problems and serious loss.**
- 5) Please make sure that the installation environment is ventilated, dry, dust-proof and without heated objects.**
- 6) Whenever you clean it, please turn off the power, do not use the liquid detergent and use slightly wet duster if necessary.**
- 7) The product has glass, avoid impact and shock that will bring scratching.**
- 8) Do not disassemble or modify the unit without permission, or it may bring about electric shock. Once you need the after-sale service, please consult the nearest seller.**
- 9) Please pull up the power of adapter and monitor when you will not use it for a long time.**

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## 1. Importance

This user guide of electronic edition, suit to all users which to use 19 INCH PHOTO TERMINAL . Please read this user guide before using your PHOTO TERMINAL. It contains some important information and the matters need to attention of using 19 INCH PHOTO TERMINAL.

### 1.1 Safety measures and maintenance



#### Warning

When using the introduced control and adjusting of this document may cause collisions, electrical hazards or mechanical dangerous.

#### Operation :

- Don't let the monitor directly exposure to sunlight, and keep them from stove or any other heat source.
- Remove any may fall into the vent of the articles or hamper monitor electronic device to normal cool items.
- Don't jam the vent on the enclosure.
- When place the monitor, please ensure power plug and socket are easy to insert and extract .
- If through the pulled out the power cord or dc power line wires to close monitor, must wait for 6 seconds before to reconnect the power cord or dc power supply cord for normal operation.
- Please be sure to use the approved power line which provided by the original factory. If the power line is missing, please contact with your local service center .
- In the using process, please do not let the monitor is strenuous exercise or collision.
- In using or transportation period, do not beat the monitor or make the monitor dropped.

#### Maintain

- To protect the monitor to avoid possible damage, please do not excessive force to the LCD panel. When move the monitors, please caught the border and lift it;when lifting, don't put the hand or finger on the LCD panel.
- when don't use the monitor for a long time,please let the power plug pulled out.
- When using slightly wet cloth clean the monitor ,please pull out the power cord plug. After shutting off the power supply, can use the dry cloth to wipe the screen. But, do not use organic solvent (such as alcohol) or containing ammonia liquid to clean the monitor.
- To avoid electrical shock or the machine permanent damage,do not use the monitor in the dusty, rain, water or too wet conditions.

- If the monitor is wet, please wipe clean it with soft cloth as soon as possible.
- If foreign body or water into the monitor, please shut off the power supply immediately, and pull out the power cord. Then, take out the foreign body or dry water, and send the monitor to the maintenance center to overhaul.

• Please do not store or use the monitor in the hot, direct sunlight or cold place.

- In order to keep the best performance of the monitor and extend service life, please use the monitor by the place which is in accord with the following temperature and humidity conditions.

o Temperature : -15-65°C

o Humidity : 10-85% RH

- Importance: When the monitor is unattended, the moving screen saver must be started. If the monitor show a static thing content, please be sure to regularly refresh the application by starting using the screen.

Long time continuous display static or static images may cause "brand" on the screen , also called "incidental image" or "after image".

"Brand", "incidental image" or "after image" is a common phenomenon of LCD panel technology. In most cases, after turning off the power supply for a certain amount of time, the "brand", "incidental image" or "after image" will gradually disappear.



#### Caution

Serious "brand", "incidental image" or "after image" will not disappear, it can't repair. The damage which be mentioned above is not in the scope of warranty.

#### Maintain

- Only the professional maintenance personage can open the cover of the machine.
- If need any document when in the maintenance or integrated , please contact your local service center.
- As for transportation information, please refer to the "technical specifications".
- Don't exposure the monitor in the car which the sunlight can directly illuminate in it.



#### Remark

If the monitor doesn't work well, or when you refer to this manual and don't know which step shall be implemented , please contact with the service staff or technical person.

#### 1.2 Mark explain

In the following it will describe the mark and convention by segmentation which used in this document. Remark, Attention, Caution.

In this manual, the text paragraphs with icon and be write by bold or italic icon . These paragraphs contain remark, attention or caution words. Its use as follows:



#### **Remark**

The icon is to display the important information and tips,to help you use your computer system better.



#### **Attention**

This icon display information to remind you of how to avoid potential damages of hardware or data lost.



#### **Caution**

The icon shows the possibility of harm to body, and warn you how to avoid the problem .

Some caution warned may appear in a different format, may also not bring any icon. In such cases, the specific warning of the caution that ruled by administrative authority.

Only if the company products meet the following criteria shall enjoy this warranty :the products proper used in the design purpose, accord with the operating instructions, provide the original bill or payment receipt when repair, the bill or payment receipt shall include the purchase date, the seller name, model and production number.

## **2.0 19 Inch Photo Terminal Appearance overview**

### **2.1 19 Inch Photo Terminal Front pictures**



**2.2 19 Inch Photo Terminal back pictures**



**2.3 19 Inch Photo Terminal side pictures**



### 3.0 19 Inch Photo Terminal Capacitive Touch

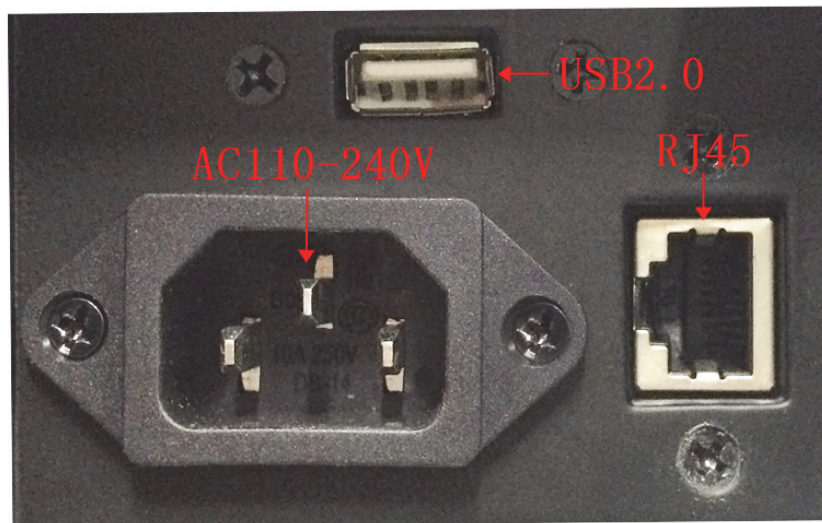
**Touch type:**Ten-point capacitance touch

**Touch life:**≥50 million

**Glass hardness:**6H

**Touch precision:**≤0.4mm

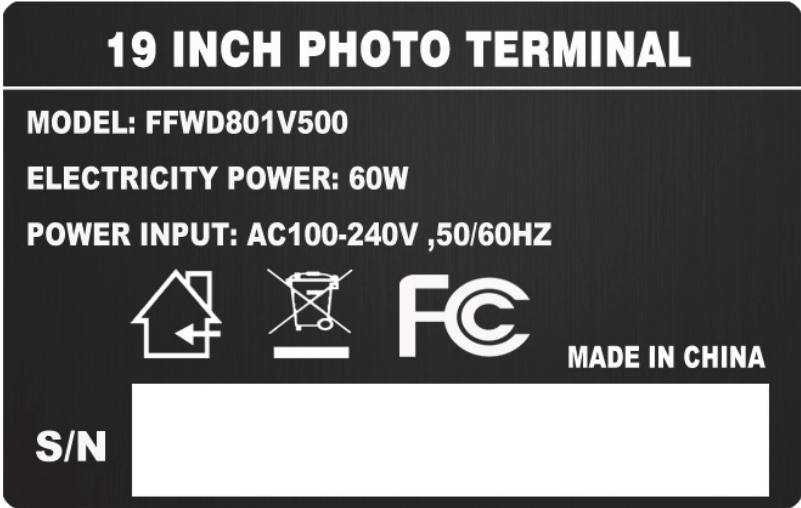
### 4.0 19 Inch Photo Terminal Port



- ① AC100-240V ,50/60HZ
- ② USB2.0
- ③ RJ45/8111E Gigabit Ethernet



5.0 19 Inch Photo Terminal Name tags



6.0 19 Inch Photo Terminal Product accessories



Power line 4M

Key 2Pcs

7.0 19 Inch Photo Terminal Technical Specifications

Product parameters

Product size	19Inch
Resolution	1440×900
Luminance	250 cd/m 2 (Typ.)
Contrast	1000:1
Pixel pitch	283.5 (per one triad) ×283.5
Pixel permutation	R.G.B. Vertical Stripe
Display mode	TN Mode, Normally White
Reaction time	5Ms
Display colour	16.7M colors (RGB 6-bit + Hi_FRC )
Viewing Angle	160/160
Board type	MINI-ITX
Processor type	Intel Celeron® Process 1037U 1.8GHz
Memory	DDR3 2G
Hard disk	SSD 32G
Interface type	USB     RJ45
	VGA

Wireless capabilities	Intel ® centrino ® Ultimate-N 6300
	2.4G dual-band
Network	8111E Gigabit Ethernet
Battery	Mainboard has a built-in button lithium battery
I/O Tool	ITE8784E
ITX power supply	DC12V5A
Work environment	-15°C~65°C
Environmental humidity	10%~85%

## Power parameters

Power supply parameters	Industrial ac dc power supply
Input voltage	AC100-240V ,50/60HZ
Output voltage	DC12V
Output current	Max 10A
Power consumption	Power consumption ≤60W

## **8.0 Product packaging, weight information**

**Weight : 12KG**

**Product size: 304.8mm×533.4mm×242.5mm**

**Carton size: 415mm×630mm×345mm**

**Color: Black**

## **8.1 Max Resolution/Recommend Resolution**

**Recommend Resolution:1440×900**

## **9.0 Customer service and guarantee**

The product has one year warranty from the date of production(except for man-made factors, and other natural phenomenon like earthquake, fire ,lightning and so on ) if the product has quality problems, please contact the agency or suppliers.

## **10 19 Inch Photo Terminal Trouble Removal**

This page introduce the problems which user can solve by themselves. If the problems still exist after try these solutions, please contact the customer service representatives of our company.

### **Frequently Asked Question**

**( The power LED is not bright )**

- Please ensure that the power cord both ends respectively insert into the power socket and the socket of the back of the monitor.
- First, make sure that the positive power button of the monitor is in OFF (close) position, and then button to ON (open) position.

**( The power LED is green )**

- Ensure that the computer is turned on
- Ensure that the signal line is correctly connected to the computer.
- Ensure that the monitor cable connector has no curving contact pins. If have, please repair or replace the cable.
- Ensure that the monitor cable is correctly connected to the computer.
- Check whether the contact pins of monitor is curving or not.
- Ensure that the computer is turned on

#### **Smoke or appear spark**

- Don't perform any troubleshooting steps
- For safety, please immediately pulled out the monitor power cord from the main power line.
- Please immediately contact the original customer service representatives.

#### **image problems**

**The image is not in the center.**

- Use the computer to refresh the resolution

**The image on the screen is vibrative.**

- Check whether the signal lines is connected to the graphic board or PC rightly and firmly.

**The image is vague or too dark**

- Use the brightness button< > to adjust the brightness.

**After shut off the power, there are still image residue or double image phenomenon.**

- Long time continuous display static or static images may cause "brand" on the screen , also called "incidental image" or "after image". "Brand", "incidental image" or "after image" is a common phenomenon of LCD panel technology. In most cases, after turning off the power supply for a certain amount of time, the "brand", "incidental image" or "after image" will gradually disappear.

- When the monitor is unattended, the moving screen saver must be started.

- If the monitor show a static thing content, please be sure to regularly refresh the application by starting using the screen.

- Serious "brand", "incidental image" or "after image" will not disappear, it can't repair. The damage which be mentioned above is not in the scope of warranty.

**The image is distortion and the blurry text .**

- Set the PC resolution to intrinsic resolution of the monitor screen

**The screen appears green spots, red spots, blue spots, and black spots or white spots.**

- Bad spots are the normal characteristics by using the LCD Technology , please refer to pixels strategy for details.

**If you need any further help, please contact the original factory customer service representative.**

## **FCC STATEMENT :**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

**Warning:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

### **FCC Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

**All rights belong to the manufacturer  
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May, 2017**